



Joint Conference “Future of Livestock and Food Security”

**The 6th International Conference of Animal and Fish Production Department, Faculty of Agriculture, Alexandria University
and the 20th Conference of the Egyptian Society of Animal Production
31 October – 3 November, 2023**

Day	Sessions	Time	Final Scientific Program Outline
Tuesday 31/10/2023	Opening session	09:00 –10:00	Registration
		10:00 –11:00	Opening of the Conference
	Session (1) Farsy Hall	Chairmen: Prof. Dr. Mohsen Shoukry Prof. Dr. Mahmoud Sharaby	
		11:00 –11:25	Bernard Faye , Emeritus Scientist at CIRAD- SELMET, France Camel and Food Security Worldwide
		11:25 –11:50	Padalino Barbara , Department of Agricultural and Food Sciences, University of Bologna, Bologna, Italy Welfare Assessment in Dromedary Camels
		11:50 –12:15	Khalid Ahmed El Bahrawy , Desert Research Center, Egypt A comprehensive and Sustainable Investment Model to Preserve the Cultural Heritage of Camel Breeders in Support of Global Food Security
		12:15 –12:40	Ahmed Askar , Desert Research Center, Egypt A Novel International Approach to Enhance the Efficiency of Camel Production Systems Worldwide
		12:40 –13:00	Discussion
		13:00 –13:30	Coffee Break
	Session (2) Farsy Hall	Chairmen: Prof. Dr. Adel Abo Elnaga Prof. Dr. Ali Allam	
		13:30 –13:50	Hussein Mansour , Former Chairman of the Food Safety Authority, Egypt Animal Production in Crisis, A call For Strategic Reform
		13:50 –14:10	Mohsen Shoukry , National Research Center, Egypt Analytical Study of the Livestock Statistics in Egypt, Reality and Future

		14:10 –14:30	Hassan Elshaer , Desert Research Center, Egypt Food for the Future Through Integrated Saline Agriculture-Livestock Production Systems In Arid Regions of Egypt
		14:30 –14:50	Salah MesalhyAly , Chairman of Lakes and Fish Resources Protection and Development Agency, Faculty of Veterinary medicine, Suez Canal University, Egypt The Current and Future Vision of Fisheries in Egypt According to Local, Regional, and International Challenges
		14:50 –15:10	Hassan Bayoumi Gharib , Faculty of Agriculture, Cairo University, Egypt Poultry Value Chains Overview
		15:10 –15:30	Discussion
		15:30 –16:30	Lunch
	Session (3) College Hall	Chairmen: Prof. Dr. Sabah Allam Prof. Dr. Mohamed Emad A. Nasser	
		16:30 –16:55	Sobhy M.A. Sallam , Faculty of Agriculture, Alexandria University, Egypt Nutrigenomics and Nutrigenetics in Farm Animals
		16:55 –17:20	Bahgat Moustafa Edrise , Faculty of Veterinary Medicine, Cairo University, Egypt Climate Change and Livestock Sustainability: The Witnessed Unveiling of Customising the Tackling Clinico-Nutritional Approach(s) Towards Quality/Precise Smart Farming / Welfare & Productivity Obsessional Goals
		17:20 –17:40	Ahmed Kholif , National Research Center, Egypt Animal Nutrition Strategies and Options to Reduce the Use of Antimicrobials in the Dairy Industry
		17:40 –18:00	Mohamed Bakr , Faculty of Agriculture, Cairo University, Egypt The Profitability of Animal Production Farms Under the Current Global Challenges
		18:00 –18:20	Mostafa S. A. Khattab , National Research Center, Egypt Rumen-Based Probiotics in Ruminant Nutrition: A Light at the End of the Tunnel
		18:20 –18:40	Mohamed, D.; M. Morkous; M. Gebril; D. Mousa; K. Samir; and M. E. A. Nasser Effect of Replacement of Soybean Meal by Larvae of Meal Worm (<i>Tenabrio molitor</i>) on Ruminal Fermentation Characteristics <i>in vitro</i>
		18:40 –18:50	EverGrow
		18:50 –19:00	Discussion
	Session (4) Department Hall	Chairmen: Prof. Dr. Gamal Ashour Prof. Dr. Ahmed El-Waziry	
		16:30 –17:00	Gaukhar Konuspayeva , Faculty of Biology and Biotechnology, Al-Farabi Kazakh National University, Kazakhstan Camel Milk Processing: An Important Step for Food Security and Safety in Arid Countries
		17:00 –17:30	Alaa El-Din El-Badawi , National Research Center, Egypt Focus on the Role of Camel as an Economic and Healthy Meat Provider

Wednesday 1/11/2023		17:30 –18:00	<u>Makkawi, A. Aziz.</u> ; N. Abdalrasoul; D. Alhag and T. H. Hashem Ovulation Induction in Dromedary She – Camels by Using Two Different Protocols During Non Breeding Season
		18:00 –18:20	<u>Fatma R. Abdelaziz</u> and Hany G. Keshta A Study of Some Modern Care Methods to Avoid Camel Calf Mortality Under Intensive Care System
		18:20 –18:40	<u>Mohamed A.N. Hassan</u> , Ahmed R. Askar, Rezk S. Ghallab, Rana M. A. Baheg, Fayza M. Salem The effect of Nutrition Strategy on Sexual Maturity of Dromedary Camels
		18:40 –19:00	Discussion
		20:00-22:00	Social Dinner
	Session (5) College Hall	Nanotechnology Workshop Chairmen: Prof. Dr. Mohammed H. El-Shafie Prof. Dr. Adel Abdelghany	
		09:00 –09:20	Nesrein M. Hashem , Faculty of Agriculture, Alexandria University, Egypt New Insights in Nanotechnology for Integrated Management of Livestock Productivity and Health
		09:20 –09:40	Tarek Abdelfattah Morsy , National Research Center, Egypt Exploring the Applications of Nanotechnology in Animal Production
		09:40 –10:00	Mohamad Elsayed abdelmagid Elmasry , Agriculture Research Center, Egypt Application of Microbiology and Biotechnology for Effective Probiotics in Animal and Poultry Feed
		10:00 –10:20	Mahmoud Tanekhy , Faculty of Veterinary Medicine, Alexandria University, Egypt Nanotechnology and Aquaculture
		10:20 –10:40	Mohamed Mahmoud Mabrouk Hassabo , Faculty of Agriculture, Al-Azhar University, Egypt The Effect of Nanotechnology on Fish Nutrition
		10:40- 10:50	كيان للأعلاف
		10:40- 11:00	Discussion
		11:00-11:30	Coffee Break
	Session (6) College Hall	Nanotechnology Workshop Chairmen: Prof. Dr. Alaa El-Din El-Badawi Prof. Dr. Elsayed Hafez	
		11:30 –11:50	Amira M. Galal Darwish , City of Scientific Research and Technological Applications, Egypt Microbiome- Based Solutions for Food Security, Nutrition, and Health
		11:50 –12:10	Yosra A. Soltan , Faculty of Agriculture, Alexandria University, Egypt Nano Feed Additives for Mitigating Greenhouse Gas Emissions from Ruminants
		12:10 –12:30	Manal Ramadan , National Research Center Micro-Encapsulation, their Applications in Food and Drugs
		12:30 –12:50	Ahmed Abdelfattah Ibrahim Elolimy , National Research Centre, Egypt An Emerging Role for Untargeted Metabolomics in Animal Nutrition
		12:50 –13:10	Amr Elnile , City of scientific research and technological applications, Egypt

Wednesday 1/11/2023			Nano Clay Minerals as A feed Additive for Sustainable Animal Production
		13:10-13:20	Mohamed Ibrahim, Technical Director at Nutrivet The Latest Innovations of Rumen Bypass Fat and Protein
		13:20-13:30	Discussion
		13:30-14:30	Lunch
	Session (7) College council Hall	Online Session	
		Chairmen: Prof. Dr. Samir El-Zarkouny Prof. Dr. Bernard Faye	
		14:30-14:50	Antonio Gonzalez , Departamento de Producción y Sanidad Animal, Facultad de Veterinaria, Universidad Cardenal Herrera-CEU, Valencia, Spain. Traceability of Animal Production for Enhancing Biosecurity, Efficiency and Quality
		14:50-15:10	Omer Ucar , Tuba Bulbul and Mustafa Saatci, Turkey Potential Threat of Climate Change and Global Warming for Livestock Breeding
		15:10-15:30	Sun Peng , Institute of Animal Science, Chinese Academy of Agricultural Sciences, China Plasma Metabolic Profiling Reveals that Chromium Yeast Alleviates The negative Effects of Heat Stress in Mid-Lactation Dairy Cows
		15:30-15:50	Hari Prasad Devkota , Graduate School of Pharmaceutical Sciences, Kumamoto University, Kumamoto, Japan Exploring Bioactive Compounds and Nanotechnology: A Multidisciplinary Approach to Enhancing Human and Animal Health
		15:50-16:10	Juan Manuel Guillen Muñoz , Universidad Autónoma Agraria, Antonio Narro, Torreón, Coahuila, Mexico Hormonal Treatments in Small Ruminants: Challenges and Perspectives.
		16:10-16:30	Discussion
	Session (8) College Hall	Chairmen: Prof. Dr. Maher Khalil Prof. Dr. Samy Abo-Bakr	
		14:30-15:00	Maher Khalil , Faculty of Agriculture at Moshtohor, Benha University, Egypt Highlights Concerning Genomic Information of STDF Funded Project to Improve the Productivity of the Egyptian Buffalo
		15:00-15:30	Safa Salah Sanad , Animal Production Research Institute, Agricultural Research Center, Egypt The Development of Local Cows in Egypt, Sustainability, and Conservation
		15:30-15:50	EL Nagar A. G.; M. H. Khalil; M. M. I. Salem; A. M. S. Amin; H. Abdel-Shafy; A. F. Ashour; and M. M. Hegazy Single-Step GWAS for Evaluating Semen Traits in the Egyptian Buffalo Bulls
		15:50-16:10	Ghanem, N., B. SF. Khalil, R. Samy, F. B Aboelwafa, R. A. Khafagy , Y. Aslan, Y. M. Said, M. Medhat, L. M. Ali, M. M. Koriarn, H. M. Abdo, Z. S. Salama, E. A. Mahmoud, N. S. Tammam, T. A. Hussein, H. A. Abd-Elhamed, A. A. Abd-Elrahman, A. K. Fayed, R. Nagy, A. Y. S. Ahmed, E. M. A. Ismail, A. A. Diab and G. Safwat.

Thursday 2/11/2023			Comparative Molecular Profiling of Candidate Genes Regulating <i>in vitro</i> Maturation of Camel, Buffalo and Bovine Cumulus-oocyte Complexes Exposed to Heat Shock
		16:10-16:30	Discussion
		16:30-17:00	Coffee Break
	Session (9) College Hall	Chairmen: Prof. Dr. Gamal Abdellatif Prof. Dr. Ali Moustafa	
		17:00-17:30	El-Sayed Hafez , Scientific Research City and Application Technology, Egypt Transcriptome is An Intermediate Language Between Genome and Proteome
		17:30-18:00	Nasser Ghanem , Faculty of Agriculture, Cairo University, Egypt System Biology Approach to Identify Genome Landscape of Indigenous Cattle Breeds Under Different Ecosystems
		18:00-18:30	Faid-Allah, E; Ghoneim, E; Al-Khomri, M Genetic and Environmental Estimates for Milking-ability Traits in Holstein Cattle Under Egyptian Circumstances
		18:30-18:50	Ahmed Abd Elkader Saleh , Faculty of Agriculture, Alexandria University, Egypt Genomic Selection in Livestock
		18:50-19:00	Discussion
	Session (10) Department Hall	Chairmen: Prof. Dr. Mostafa Kobeisy Prof. Dr. Nesrein Hashem	
		17:00-17:30	Chirag Chopra , School of Bioengineering and Biosciences, Lovely Professional University, India Immune Checkpoint Targeting Drugs with A Promise of Repurposing
		17:30-18:00	Reena Singh , School of Bioengineering and Biosciences, Lovely Professional University, India Myxobacteria in Wetlands: An Astonishing Source of Enzymes and Metabolites
		18:00-18:30	Gamal Ashour , Faculty of Agriculture, Cairo University, Egypt Immune Responses of Bovines to Heat Stress Conditions
		18:30-18:45	AbdElkhalek, A. S; N. Ghanem; M. G. Soliman; N. A. Abu El Naga; A. M. Kamel; H. A. Shedeed and K. A. El Bahrawy Evaluation of Epididymal and Preserved Sperm to Produce Goat Embryos Through <i>in vitro</i> Fertilization
		18:45-19:00	Discussion
	Session (11) College Hall	Chairmen: Prof. Dr. Ashraf El-Dakar Prof. Dr. Khalidah S. Al-Niaeem	
		09:00-9:20	Abdelaziz M. Nour , Faculty of Agriculture, Alexandria University, Egypt Super-Intensive Shrimp Farming (SISF)
		09:20-09:40	Mohamed F. Osman , Faculty of Agriculture, Ain Shams University, Egypt Use of Recent (IPRS) Technology in Aquaculture: Challenges and Opportunities
		09:40-09:55	Nagy Mansour EL-Bermawi , Faculty of Agriculture-Saba Basha, Alexandria University, Egypt Potential of the Brine Shrimp, (<i>Artemia</i>) production in Egypt: Investment Opportunities
		09:55-10:10	Fouad Sabah Bulbul

			The Impact of Environmental Changes in the lower Reaches of the Shatt Al-Arab River on the Status of the Fish Community
		10:10-10:25	Doaa Khalaf Khamis, Central Laboratory for the Aquaculture Research, Cairo, Egypt Cultivation of African Catfish to face future challenges
		10:25-10:40	Mohamed Aboelseoud, R&D Director at Nutrivet, Egypt Good Manufacturing Practices and Nutritional Consequences
		10:40-10:50	El-Dakar, A. Y.; S. M. Shalaby; E. A. Elsheikh ; A. A. El-Desoki; M. F. El Basuini; O. A. Ahmed-Farid and M. F. Abdel-Aziz Phytobiotics-incorporated diets on performance and hematological parameters of Nile tilapia <i>Oreochromis nilotus</i> reared under bio-floc system using brackish water
		10:50-11:00	Discussion
	Session (12) Department Hall	Chairmen: Prof. Dr. Hani Gado Prof. Dr. Moneir El-Adwey	
		09:00-9:15	Gamal Aboeltayeb, Achieving Self-Sufficiency in Livestock and Poultry Production in Cooperation With African Countries
		09:15-09:30	Hossameldeen Hussein Azzaz, National Research Center, Egypt Bacteriocins as a Promising Tool for Improving Ruminant Productive Performance
		09:30-09:45	Gouda A. Gouda, National Research Center, Egypt Aflatoxin in Dairy Cows: Toxicity, Occurrence and Mitigation Strategies
		09:45-10:00	Emad El- Islam Ahmed Taha, Desert Research Center, Egypt Animal Fibers, Their Role and Economic Potentiality
		10:00-10:15	Ahmed Nasr, Desert Research Center, Egypt Sustainability of Leather Tanning
		10:15-10:30	Fahmy, S.T.M.; A. S. Aied; M.A.A. El-Barody and E.M. Ibrahim Growth Performance and Some Blood Metabolites of Male Ossimi Lambs Fed Rations Contained Untreated or Treated Soybean Straw
		10:30-11:00	Discussion
		11:00-11:30	Coffee Break
	Session (13) College Hall	Chairmen: Prof. Dr. Abdelaziz Nour Prof. Dr. Mohamed F. Osman	
		11:30-11:50	Ashraf El-Dakar; Mohamad F. A. Eid, Randa Y. Thabet. Faculty of Aquaculture and Marine Fisheries, Arish University, Egypt Modern Aquaculture Techniques and Their Effects on Fish Yield in The Egyptian Desert
		11:50-12:10	Ashraf A. Goda, National Institute of Oceanography and Fisheries (NIOF), Egypt The effectiveness of coded wire-tagging and release methods as an approach for increasing grey mullet (<i>Mugil cephalus</i>) stocks in Egyptian enclosed water bodies
		12:10-12:30	Khalidah S. Al-Niaeem and Nadia A. H. Al-Shammari, Faculty of Agriculture, University of Basrah, Iraq

			Effects of Dietary Perennial Plant <i>Mentha pulegium</i> on Fish Health Status and Resistance of Common Carp, <i>Cyprinus carpio</i> Against <i>Pseudomonas aeruginosa</i>
		12:30-12:45	Boucetta, S. ; R. Bouzoualagh; A. Kerfouf; R. Kartout; L. Kedadria; G. Baiche and F. Z. Bouhafer Evaluation of Tetracycline and Garlic (<i>Allium sativum</i>) as Antibiotic on Blood Biochemical Parameters in Nile Tilapia <i>Oreochromis niloticus</i> (Linnaeus, 1758).
		13:00-13:10	El-Dakar, A.Y.; S. M. Shalaby; R. Mohamed ; R. Y. Thabet and M. F. Abdel Aziz Improve Biological, Intestinal and Immune Responses to Nile tilapia (<i>Oreochromis niloticus</i>) That Fed a Plant Protein Diet Using Fermented Soybeans and Supplementary Dietary Betaine
		13:10-13:20	Amira El-Hanafy , Central Laboratory for the Aquaculture Research, Cairo, Egypt Post Harvest Handling of Fresh Fish
		13:20-13:30	Discussion
	Session (14) Department Hall		Chairmen: Prof. Dr. Adel Attia Prof. Dr. Hassan El-Shaer
		11:30-11:50	Mohamed Ibrahim El Sabry , Faculty of Agriculture, Cairo University, Egypt The Effect of Magnetized Drinking Water on the Poultry Performance
		11:50-12:10	Hanan Ghanem , Animal production research institute, Agriculture Research Center, Egypt Effect of Magnetic Water on Production Traits in Poultry
		12:10-12:30	Ali Metwally El Deeb , Animal production research institute, Agriculture Research Center, Egypt The Effect of Water Quality on the Productive and Immune Performance of Commercial and Local Broiler Chickens
		12:30-12:50	Ali Mahmoud Ali Metwally , Faculty of Veterinary Medicine, Alexandria University, Egypt Effect of Magnetic Water on Some Vital Parameters in Ruminants
		12:50-13:10	Hafez, M. ; M.A. Abu-Saied, E. A. El Desouky; M. E. Abou Kamer; and M. Rashad Sustainable Agriculture: Pioneering Solutions to Mitigate Soil Salinity and Enhance Soil Fertility
		13:10-13:30	Discussion
	Session (15) College council Hall		Chairmen: Prof. Dr. Mesbah A. Mesbah Prof. Dr. Abderahman Atta
		11:30-11:50	Ahmed Abdel- Khalek , Animal Production Research Institute, Agricultural Research Center, Egypt Impact of COVID-19 Pandemic on Poultry Production Chain in Egypt
		11:50-12:10	Mohamed Ibrahim El Sabry , Faculty of Agriculture, Cairo University, Egypt Influence of hydric stress on the productivity of poultry species and livestock
		12:10-12:30	Mahmoud Madkour , National Research Centre, Egypt Growth Performance, mRNA Expression of Hepatic heat Shock Proteins and Antioxidant-related Genes of Heat-Stressed Broilers in Response to Rosemary and Oregano Extracts
		12:30-12:50	Mohamed Ibrahim Hassan , City of Scientific Research and Technological Applications, Egypt The in-ovo Injection Technique " A new Application in Poultry Industry"
		12:50-13:00	Shaker A. Abd EL- Latif , Faculty of Agriculture, Minia University, Egypt

			Evaluation of Using Organic Acids as Growth Promotors in Poultry Diets
		13:00-13:10	Manaa, E. S. Ibraheim; A. Sakr; H. Ghanem; R. Waheed; M. Abdel-Daim and <u>M. A. Abdel-Latif</u> Dietary Ginger (<i>Zingiber officinale</i>) Enhances Performance Traits, Biochemical and Hematological Indices of Turkey Targeting mRNA Gene Expression
		13:10-13:20	Amer Makram Ali, Faculty of Agriculture, Fayoum university, Egypt Behavioral Studies on Some Flocks Parents of Muscovy and Pekin Ducks
		13:20-13:30	Discussion
		13:30-14:30	Lunch
		14:30-16:00	Recommendations and Concluding Remarks
Posters Session			
	College Theater	Throughout The Conference Days	Abo-Baker F.A., M. F. A. Attia, E.A. Elwakeel, T. Moustafa, A.M. Allam and S.M.A. Sallam. Effect of Microbial Feed Additives on Performance of Moroccan She- Camels Under Egyptian Conditions
			Abdu, S. G.; H. A. Nasr, M. E. Ali, and M. E. A. Nasser Assessment of Ginger Powder Supplementation effects on Nutrient Digestibility, Rumen Fermentation, Some Blood Characteristics and Performance of Ossimi Lambs
			Derdachi, R.; S. Boucetta, I. Laib, F. Fekrache, C. Saadaoui, A. Hammoda, O. Rameche and R. C. Chabane Quality control of aquarium water and tilapia fish <i>Tilapia Oreochromis niloticus</i> (linnaeus, 1758) treated with garlic extract (<i>Allium sativum</i>)
			El- Gendy, M. N. A.; Y. A. Soltan; A. E. Elnile; M. F. A. Attia; A. M. Allam; M. Anwar and S. M. A. Sallam Impact of Mixture of Phytogenic Feed Additive on Ruminal Fermentation Characteristics and Nutrients Utilization of Barki Goats
			El-Malky, O. M; Abed El-Hady, H.A; Neber, A. F; Ashry, H. A; Mourad, R.S. Profiling Immunoglobulins, Cytokines, and Acute Phase Proteins Through Parities in Egyptian Buffalo
			El Sabry, M. I.; M. F. A. Attia; O. Almasri and S. M. A. Sallam Molybdenum and its Nano-applications in Camel, Cattle, Buffalo and Small Ruminants Production
			Faheem. M. S.; D. A. Ahmed and S. M. Dessouki Antioxidant Effect of Cysteamine on Buffalo Granulosa Cells Performance Under Oxidative Stress Condition.
			Faid-Allah, E., E.; Ghoneim, A.F. Ashour and E. Ehab Genetic assessment and genetic trends for milk production traits in a herd of Egyptian buffaloes (<i>Bubalus bubalis</i> b.)
			Ferrouj, S.; S. Boucetta, A. Bouchker, M. F. Semmar and M. Issasfa Modeling of metal bioaccumulation (<i>in vivo</i> & <i>in situ</i>) in <i>Phorcus turbinatus</i> (Gastropod, Trochidae), from the eastern Algerian coast
			Fouad, M.A.; M. M. Samir; K. K. Fawzy; M. G. Khella; K. K. Gerges; F. M. Ali; A. Y. Essa; M. G. Ahmed and E. A. Elwakeel

			<p>Evaluation of Snail Meal (<i>Helix aspersa</i>) as a Potential Alternative Protein Source to Soybean Meal in Ruminants Diets <i>in vitro</i></p> <p>Khalifa, A. M. A.; A. Y. Kassab; H. A. Hamdon and A. S. H. Soliman</p> <p>Influence of curcumin supplementation on milk composition, immune and physiological responses of Farafras ewes, and the growth performance of their newborn lambs</p> <p>Makram, A; A. Zein EL-Dien and A.H. EL-Attar</p> <p>Impact of Shell Color Eggs (White and Green) Laid by Pekin Ducks on Incubation Parameter's</p> <p>Sallam, S.M.A.; A. Shawkat; M. Ramadan; A. Adel; M. Elsayed; E. Bahaa; R. El-Kady and E. Adel</p> <p>Smart Platform Based-Temperature and Humidity Monitoring for the Prediction of Heat Stress in Farm Animals</p> <p>Soliman, A. S. H.; A. Y. Kassab; H. A. Hamdon and H. A. Daghash</p> <p>Assessment of Betaine as a feed additive to improve the metabolic status and reproductive performance of Aberdeen Angus cows in arid subtropical regions</p>
Friday 3/11/2023	9:00-12:00		Visit Tours to Graeco-Roman Museum and Alexandria Yacht trip
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